IN THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application. The following amendments are without prejudice and do not constitute an admission regarding the patentability of the amended subject matter and should not be so construed.

Claims 1 – 150. (Cancelled).

Claim 151. (Currently Amended) A pharmaceutical composition, comprising: about 5 mg to about 100 mg omeprazole and at least one buffering agent in an amount of about 10 mEq to about 70 mEq ~~0.05 mEq to about 5 mEq per mg of proton pump inhibitor~~, wherein:

(a) the composition is in a form of a powder for suspension that is storage stable at room temperature; and

(b) after mixing the powder with a liquid medium to form a suspension and orally administering the suspension to a group of subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml at any time within about 30 minutes after administration.

Claim 152. (Currently Amended) The composition of claim 151, wherein the omeprazole is omeprazole or esomeprazole or an isomer, tautomer, ~~prodrug,~~ free base, or salt thereof.

Claim 153. (Currently Amended) The composition of claim 152, wherein the omeprazole is present in the composition in an amount of about [[1]] 15 mg to about [[1000]] 80 mg.

Claim 154. (Cancelled).

Claim 155. (Cancelled).

Claim 156. (Currently Amended) The composition of claim 152, wherein the omeprazole is present in the composition in an amount of ~~about 2 mg,~~ about 5 mg, about 10 mg, about 15 mg, about 20 mg, about 25 mg, about 30 mg, about 35, about 40 mg, about 45, about 50 mg, about 55, about 60 mg, about 65 mg, about 70 mg, about 75 mg, about 80 mg, about 85 mg, about 90 mg, about 95 mg, or about 100 mg~~, about 105 mg, about 110mg, about 115 mg, about 120 mg, about 150 mg, about 200 mg, about 250 mg, or about 300 mg~~.

Claim 157. (Previously Presented) The composition of claim 151, further comprising a suspending agent.

Claim 158. (Withdrawn) The composition of claim 152, wherein the at least one proton pump inhibitor is lansoprazole, or an enantiomer, isomer, tautomer, prodrug, free base, or salt thereof.

Claim 159. (Currently Amended) The composition of claim 152, wherein the omeprazole is omeprazole or esomeprazole, or an isomer, tautomer, ~~prodrug,~~ free base, or salt thereof.

Claim 160. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is selected from the group consisting of a calcium buffering agent, a magnesium buffering agent, an aluminum buffering agent, a sodium buffering agent, a bicarbonate salt of a Group IA metal, an alkaline earth metal buffering agent, an amino acid, an alkaline salt of an amino acid, and mixtures thereof.

Claim 161. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is selected from the group consisting of sodium bicarbonate, potassium bicarbonate, magnesium hydroxide, magnesium lactate, magnesium gluconate, magnesium oxide, magnesium aluminate, magnesium carbonate, magnesium silicate, magnesium citrate, aluminum hydroxide, aluminum hydroxide/magnesium carbonate, potassium carbonate, potassium citrate, aluminum hydroxide/sodium bicarbonate coprecipitate, aluminum glycinate, aluminum magnesium hydroxide, sodium citrate, sodium tartrate, sodium acetate, sodium carbonate, sodium polyphosphate, potassium polyphosphate, sodium pyrophosphate, potassium pyrophosphate, disodium hydrogenphosphate, dipotassium hydrogenphosphate, trisodium phosphate, tripotassium phosphate, potassium metaphosphate, calcium acetate, calcium glycerophosphate, calcium hydroxide, calcium lactate, calcium carbonate, calcium gluconate, calcium bicarbonate, calcium citrate, potassium phosphate, sodium phosphate, and mixtures thereof.

Claim 162. (Cancelled)

Claim 163. (Cancelled)

Claim 164. (Cancelled)

Claim 165. (Cancelled)

Claim 166. (Cancelled)

Claim 167. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 7 mEq to about 25 mEq.

Claim 168. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 10 mEq.

Claim 169. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 20 mEq.

Claim 170. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 40 mEq.

Claims 171. (Withdrawn) The composition of claim 151, further comprising at least one pharmaceutically acceptable excipient selected from the group consisting of a carrier, a binder, a suspending agent, a thickening agent, a flavoring agent, a sweetening agent, a disintegrant, a flow aid, a lubricant, an adjuvant, a colorant, a diluent, a moistening agent, a preservative, a parietal cell activator, an anti-foaming agent, an antioxidant, a chelating agent, an antifungal agent, an antibacterial agent, an isotonic agent, and mixtures thereof.

Claims 172. (Withdrawn) The composition of claim 171 wherein the at least one excipient is a suspending agent.

Claims 173. (Withdrawn) A liquid dosage form prepared by mixing the pharmaceutical composition of claim 151 with an aqueous vehicle.

Claim 174. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises sodium bicarbonate.

Claim 175. (Previously Presented) The composition of claim 174 wherein the sodium bicarbonate is present in the composition in a total amount of about 250 mg to about 4000 mg.

Claim 176. (Previously Presented) The composition of claim 174 wherein the sodium bicarbonate is present in the composition in a total amount of about 1000 mg to about 1680 mg.

Claim 177. (Previously Presented) The composition of claim 174 wherein the sodium bicarbonate is present in the composition in a total amount of about 20 mEq.

Claim 178. (Previously Presented) The composition of claim 177 wherein the omeprazole is present in the composition in an amount of about 20 mg.

Claim 179. (Previously Presented) The composition of claim 177 wherein the omeprazole is present in the composition in an amount of about 40 mg.

Claim 180. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises magnesium hydroxide.

Claim 181. (Previously Presented) The composition of claim 180, wherein the magnesium hydroxide is present in the composition in a total amount of about 12 mEq to about 24 mEq.

Claim 182. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises a mixture of sodium bicarbonate and magnesium hydroxide.

Claim 183. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises calcium carbonate.

Claim 184. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises a mixture of sodium bicarbonate and calcium carbonate.

Claim 185. (Previously Presented) The composition of claim 151, wherein at least a portion of the omeprazole is micronized.

Claim 186. (Previously Presented) The composition of claim 151, wherein at least a portion of the at least one buffering agent is micronized.

Claim 187. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml at any time within about 20 minutes after administration.

Claim 188. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of

the omeprazole of at least about 0.1 μg/ml at any time within about 15 minutes after administration.

Claim 189. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml at any time within about 10 minutes after administration.

Claim 190. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.2 μg/ml at any time within about 15 minutes after administration.

Claim 191. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml maintained from at latest about 15 minutes after administration to at earliest about 6 hours after administration.

Claim 192. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.15 μg/ml maintained from at latest about 15 minutes after administration to at earliest about 1.5 hours after administration.

Claim 193. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average T_{max} within about 1 hour after administration.

Claim 194. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to

a group of fasted adult human subjects, the subjects exhibit an average T_{max} within about 30 minutes after administration.

Claim 195. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average T_{max} within about 45 minutes after administration.

Claim 196. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average T_{max} within about 15 minutes to about 45 minutes after administration.

Claim 197. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average C_{max} of the proton pump inhibitor of about 1.0 μg/ml.

Claim 198. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average C_{max} of the proton pump inhibitor of between about 0.5 μg/ml to about 1.7 μg/ml after administration.

Claim 199. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of greater than about 1.0 μg/ml at any time within about 20 minutes after administration.

Claim 200. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of greater than about 1.0 μg/ml at any time within about 40 minutes after administration.

Claim 201. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to

a group of fasted adult human subjects, the subjects exhibit an average C_{max} of the omeprazole of between about 0.5 μg/ml and 1.7 μg/ml at any time within about 45 minutes after administration.

Claim 202. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of between about 0.3 μg/ml and 1.2 μg/ml at any time within about 10 minutes after administration.

Claim 203. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of between about 0.5 μg/ml and about 1.6 μg/ml at any time within about 15 minutes after administration.

Claim 204. (Currently Amended) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.4 μg/ml at any time within about 20 minutes after administration.

Claim 205. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of between about 0.7 μg/ml and 1.2 μg/ml at any time within about 30 minutes after administration.

Claim 206. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of the omeprazole is determined from about 15 subjects.

Claim 207. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of the omeprazole is

determined from about 15 adult human subjects and is at least about 0.4 μg/ml at any time within about 30 minutes after administration.

Claim 208. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of omeprazole is determined from about 10 adult human subjects and is at least about 0.7 μg/ml at any time within about 30 minutes after administration.

Claim 209. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of the omeprazole is determined from about 10 adult human subjects and is at least about 0.4 μg/ml at any time within about 15 minutes after administration.

Claim 210. (Previously Presented) The composition of claim 151, wherein the composition comprises 40 mg of omeprazole and wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average C_{max} is about 1.0 μg/ml.

Claim 211. (Withdrawn) A pharmaceutical composition, comprising: a therapeutically effective amount of at least one acid labile substituted benzimidazole H+, K+- ATPase proton pump inhibitor and at least about 10 mEq of buffering agent, wherein:

(a) the composition is in a form of a powder for suspension that is storage stable at room temperature; and

(b) after mixing the powder with a liquid medium to form a suspension and orally administering the suspension to a group of subjects, the subjects exhibit an average plasma concentration of the proton pump inhibitor of at least about 0.4 μg/ml at any time within about 30 minutes after administration.

Claim 212. (Withdrawn) The composition of claim 211, wherein the at least one acid labile substituted benzimidazole H+, K+- ATPase proton pump inhibitor is omeprazole, or an enantiomer, isomer, tautomer, prodrug, free base, or salt thereof.

Claim 213. (Withdrawn) The composition of claim 211, wherein the omeprazole is present in an amount of about 20 mgs.

Claim 214. (Withdrawn) The composition of claim 211, wherein the omeprazole is present in an amount of about 40 mgs.

Claim 215. (Withdrawn) The composition of claim 211, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average T_{max} within about 45 minutes after administration.

Claim 216. (Withdrawn) The composition of claim 215, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to each member of a group of fasted adult human subjects in an amount of the suspension corresponding to about 40 mg of omeprazole, the subjects exhibit an average C_{max} of at least about 1.0 μg/ml.

Claim 217. (Withdrawn) The composition of claim 211, wherein upon mixing the powder with a liquid medium to form a suspension and orally administering the suspension to each member of a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the proton pump inhibitor of at least about 1.0 μg/ml at any time within about 20 minutes after administration.

Claim 218. (Withdrawn) The composition of claim 211, wherein upon mixing the powder with a liquid medium to form a suspension and orally administering the suspension to each member of a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the proton pump inhibitor of at least about 1.0 μg/ml at any time within about 40 minutes after administration.

Claim 219. (Withdrawn) A solid oral dosage form, comprising:

(a) at least one proton pump inhibitor selected from the group consisting of omeprazole, lansoprazole, rabeprazole, esomeprazole and pantoprazole, or an enantiomer, isomer, prodrug, free base, or salt thereof wherein at least some of the proton pump inhibitor is not enteric coated;

(b) a buffering agent comprising sodium bicarbonate; and

(c) one or more optional excipients;

wherein upon oral administration of the solid oral dosage form to a subject, the subject exhibits a T_{max} of said proton pump inhibitor within about 1 hour after administration.

Claim 220. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent is present in an amount sufficient to preserve the ability of at least some of the proton pump inhibitor to elicit a therapeutic effect.

Claim 221. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent is present in an amount sufficient to increase the pH of the stomach contents of a subject to a pH that prevents or inhibits acid degradation of at least some of the proton pump inhibitor.

Claim 222. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent is present in a total amount of about 3 mEq to about 45 mEq.

Claim 223. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent is present in a total amount of at least about 3 mEq.

Claim 224. (Withdrawn) The solid oral dosage form of claim 219, wherein the sodium bicarbonate is present in an amount of about 250 mg to about 4000 mg.

Claim 225. (Withdrawn) The solid oral dosage form of claim 219, wherein the sodium bicarbonate is present in an amount of about 4 mEq to about 30 mEq.

Claim 226. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent further comprises a buffering agent selected from the group consisting of potassium bicarbonate, magnesium hydroxide, magnesium lactate, magnesium gluconate, magnesium oxide, magnesium aluminate, magnesium carbonate, magnesium silicate, aluminum hydroxide, potassium carbonate, potassium citrate, aluminum hydroxide/sodium bicarbonate coprecipitate, aluminum magnesium hydroxide, sodium citrate, sodium tartarate, sodium acetate, sodium carbonate, sodium polyphosphate, potassium polyphosphate, sodium pyrophosphate, potassium pyrophosphate, disodium hydrogenphosphate, dipotassium hydrogenphosphate, trisodium phosphate, tripotassium phosphate, sodium acetate, potassium metaphosphate, calcium acetate, calcium glycerophosphate, calcium hydroxide, calcium lactate, calcium carbonate, and calcium gluconate, calcium bicarbonate, calcium citrate, sodium phosphate, or mixtures thereof.

Claim 227. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent further comprises a buffering agent selected from the group consisting of magnesium hydroxide, magnesium oxide, potassium carbonate, sodium carbonate, calcium carbonate, calcium bicarbonate, or mixtures thereof.

Claim 228. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent further comprises a buffering agent selected from the group consisting of sodium carbonate or calcium carbonate.

Claim 229. (Withdrawn) The solid oral dosage form of claim 219, wherein the buffering agent further comprises magnesium hydroxide.

Claim 230. (Withdrawn) The solid oral dosage form of claim 219, wherein the solid oral dosage form is selected from the group consisting of a tablet, a capsule, a pellet, a granule, or a troche.

Claim 231. (Withdrawn) The solid oral dosage form of claim 219, wherein the solid oral dosage form is a tablet.

Claim 232. (Withdrawn) The solid oral dosage form of claim 231, wherein the tablet is a chewable tablet.

Claim 233. (Withdrawn) The solid oral dosage form of claim 219, wherein the solid oral dosage form is a capsule.

Claim 234. (Withdrawn) The solid oral dosage form of claim 219, wherein the proton pump inhibitor is present in an amount of about 10 mg to about 100 mg.

Claim 235. (Withdrawn) The solid oral dosage form of claim 219, wherein the proton pump inhibitor is present in an amount of about 10 mg, 15 mg, 20 mg, 30 mg, 40 mg, or 60 mg.

Claim 236. (Withdrawn) The solid oral dosage form of claim 219, wherein the proton pump inhibitor is omeprazole or an enantiomer, isomer, free base, salt, or mixture thereof.

Claim 237. (Withdrawn) The solid oral dosage form of claim 219, wherein the proton pump inhibitor is lansoprazole or an enantiomer, isomer, free base, salt, or mixture thereof.

Claim 238. (Withdrawn) The solid oral dosage form of claim 219, wherein the proton pump inhibitor is esomeprazole or an enantiomer, isomer, free base salt, or mixture thereof.

Claim 239. (Withdrawn) The solid oral dosage form of claim 219, wherein the excipient comprises a binder.

Claim 240. (Withdrawn) The solid oral dosage form of claim 239, wherein the binder is hydroxypropylmethylcellulose.

Claim 241. (Withdrawn) The solid oral dosage form of claim 219, wherein the excipient comprises a flavoring agent.

Claim 242. (Withdrawn) The solid oral dosage form of claim 219, wherein the excipient comprises a disintegrant.

Claim 243. (Withdrawn) The solid oral dosage form of claim 242, wherein the dosage form is a capsule.

Claim 244. (Withdrawn) The solid oral dosage form of claim 242, wherein the excipient comprises a lubricant.

Claim 245. (Withdrawn) The solid oral dosage form of claim 242, wherein the proton pump inhibitor is micronized.

Claim 246. (Withdrawn) The solid oral dosage form of claim 219, wherein at least some of the proton pump inhibitor is enteric coated.

Claim 247. (Withdrawn) The solid oral dosage form of claim 219, wherein within 5 minutes after administration of the solid oral dosage form to the subject, the pH of the subject's stomach is equal to or greater than the essential pH of the proton pump inhibitor.

Claim 248. (Withdrawn) The solid oral dosage form of claim 219, wherein upon administration of the solid oral dosage form to the subject, the subject exhibits a Tmax within about 45 minutes after administration.

Claim 249. (Withdrawn) The solid oral dosage form of claim 219, wherein upon administration of the solid oral dosage form to the subject, the subject exhibits an average plasma concentration of at least about 1.0 μg/ml at any time within about 40 minutes after administration.

Claim 250. (Withdrawn) The solid oral dosage form of claim 219, wherein upon administration of the solid oral dosage form to the subject, the subject exhibits an average plasma

concentration of at least about 0.1 μg/ml at any time within about 15 minutes after administration.

Claim 251. (Withdrawn) A method of administering a proton pump inhibitor to a subject, comprising the steps of:

(a) providing a solid oral dosage form, comprising:

(i) at least one proton pump inhibitor selected from the group consisting of omeprazole, lansoprazole, rabeprazole, esomeprazole and pantoprazole, or an enantiomer, isomer, free base, salt, or mixture thereof wherein at least some of the proton pump inhibitor is not enteric coated;

(ii) at least one buffering agent wherein the buffering agent is present in an amount sufficient to increase the pH of the stomach contents of a subject to a pH that prevents or inhibits acid degradation of at least some of the proton pump inhibitor; and

(iii) one or more optional excipients; and

(b) orally administering the solid oral dosage form to the subject;

wherein upon oral administration of the solid oral dosage form to a subject, the subject exhibits a T_{max} of the proton pump inhibitor within about 1 hour after administration; and

wherein the method does not include administration of a poly[phosphoryl/sulfon]-ated carbohydrate to the subject.

Claim 252. (Withdrawn) The method of claim 251, wherein the proton pump inhibitor is present in an amount of about 10 mg to about 100 mg.

Claim 253. (Withdrawn) The method of claim 251, wherein the proton pump inhibitor is present in an amount of about 10 mg, 15 mg, 20 mg, 30 mg, 40 mg, or 60 mg.

Claim 254. (Withdrawn) The method of claim 251, wherein the proton pump inhibitor is omeprazole or an enantiomer, isomer, free base, salt, or mixture thereof.

Claim 255. (Withdrawn) The method of claim 251, wherein the proton pump inhibitor is lansoprazole or an enantiomer, isomer, free base, salt, or mixture thereof.

Claim 256. (Withdrawn) The method of claim 251, wherein the proton pump inhibitor is esomeprazole or an enantiomer, isomer, free base salt, or mixture thereof.

Claim 257. (Withdrawn) The method of claim 251, wherein the solid oral dosage form further comprises a binder.

Claim 258. (Withdrawn) The method of claim 251, wherein the solid oral dosage form further comprises a flavoring agent.

Claim 259. (Withdrawn) The method of claim 251, wherein the solid oral dosage form further comprises a disintegrant.

Claim 260. (Withdrawn) The method of claim 251, wherein the buffering agent is selected from the group consisting of sodium bicarbonate, potassium bicarbonate, magnesium hydroxide, magnesium lactate, magnesium gluconate, magnesium oxide, magnesium aluminate, magnesium carbonate, magnesium silicate, aluminum hydroxide, potassium carbonate, potassium citrate, aluminum hydroxide/sodium bicarbonate coprecipitate, aluminum magnesium hydroxide, sodium citrate, sodium tartarate, sodium acetate, sodium carbonate, sodium polyphosphate, potassium polyphosphate, sodium pyrophosphate, potassium pyrophosphate, disodium hydrogenphosphate, dipotassium hydrogenphosphate, trisodium phosphate, tripotassium phosphate, sodium acetate, potassium metaphosphate, calcium acetate, calcium glycerophosphate, calcium hydroxide, calcium lactate, calcium carbonate, and calcium gluconate, calcium bicarbonate, calcium citrate, sodium phosphate, or mixtures thereof.

Claim 261. (Withdrawn) The method of claim 251, wherein the buffering agent is present in a total amount of about 3 mEq to about 45 mEq.

Claim 262. (Withdrawn) The method of claim 251, wherein the buffering agent is present in a total amount of at least about 3 mEq.

Claim 263. (Withdrawn) The method of claim 251, wherein the buffering agent comprises sodium bicarbonate in an amount of about 250 mg to about 4000 mgs.

Claim 264. (Withdrawn) The method of claim 251, wherein the buffering agent is selected from the group consisting of sodium bicarbonate, sodium carbonate, calcium carbonate, magnesium hydroxide, or mixtures thereof.

Claim 265. (Withdrawn) The method of claim 261, wherein the proton pump inhibitor is micronized.

Claim 266. (Withdrawn) The method of claim 261, wherein the solid oral dosage form is selected from the group consisting of a tablet, a capsule, a powder, a pellet, a granule, or a troche.

Claim 267. (Withdrawn) The method of claim 266, wherein the solid oral dosage form is a tablet.

Claim 268. (Withdrawn) The method of claim 266, wherein the solid oral dosage form is a capsule.

Claim 269. (Withdrawn) The method of claim 267, wherein the tablet is a chewable tablet.

Claim 270. (Withdrawn) The method of claim 251, wherein within 5 minutes after administration of the solid oral dosage form to the subject, the pH of the subject's stomach is equal to or greater than the essential pH of the proton pump inhibitor.

Claim 271. (Withdrawn) The method of claim 251, wherein upon administration of the solid oral dosage form to the subject, the subject exhibits an average plasma concentration of at least about 1.0 μg/ml at any time within about 40 minutes after administration.

Claim 272. (Withdrawn) The method of claim 251, wherein upon administration of the solid oral dosage form to the subject, the subject exhibits an average plasma concentration of at least about 0.1 μg/ml at any time within about 15 minutes after administration.